

CLIPPEDIMAGE= JP02000020618A

PAT-NO: JP02000020618A

DOCUMENT-IDENTIFIER: JP 2000020618 A

TITLE: INTEGRATED FINANCIAL RISK MANAGEMENT DEVICE AND  
FINANCIAL TRANSACTION  
MODELING DEVICE

PUBN-DATE: January 21, 2000

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APPL-NO: JP10183133

APPL-DATE: June 30, 1998

INT-CL (IPC): G06F019/00;G06F017/00 ;G06F017/60

ABSTRACT:

PROBLEM TO BE SOLVED: To reduce the development/operation cost of an integrated risk management system for financial transactions and to improve the performance of the system by acquiring operation results, while successively referring to a reference information group and calculating the characteristics of composite transactions, based on the operation results.

SOLUTION: A virtual transaction means 107 includes a reference information group 104 for referring to respective transaction substance

modeling means 103.  
Respective means 103 are successively referred to from the  
group 104, based on  
a prescribed instruction and a price evaluation computing  
means 101 is executed  
to obtain operation results. A composite transaction  
characteristic  
calculation means 106 calculates the characteristics of  
composite transactions,  
based on respective operation results. In risk management  
for plural financial  
transactions constituted of one or more transaction  
substances, three demands,  
i.e., the simplification of the system, speed-up of risk  
management operation  
and data compression, which are difficult to be  
simultaneously attained in a  
conventional method can be simultaneously attained.

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